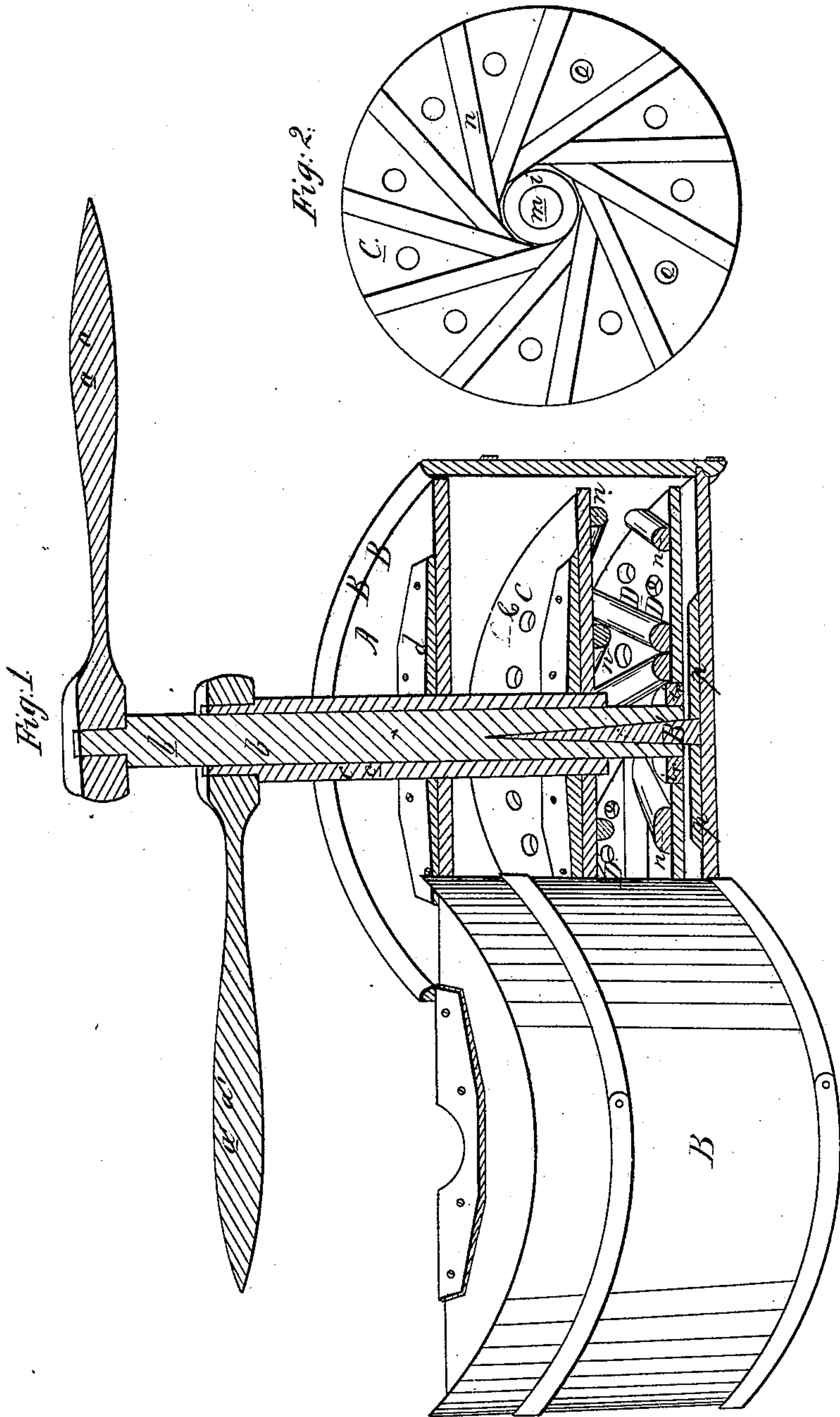


J. M. Furbish.

Washing Mach.

Nº 103,732.

Patented May 31, 1870.



Witnesses;
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Inventor;
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United States Patent Office.

ISAIAH M. FURBISH, OF AUGUSTA, MAINE.

Letters Patent No. 103,732, dated May 31, 1870.

IMPROVED WASHING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, ISAIAH M. FURBISH, of Augusta, in the county of Kennebec and State of Maine, have invented a new and useful Improvement in Washing-Machine; and do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and letters of reference marked thereon making a part of this specification, of which—

Figure 1 is a perspective view of a disjointed half of tub and machine.

Figure 2 is a view of the lower surface of disk C.

B B represent disjointed halves of a common wash-tub, having, firmly fastened upon the center of the bottom, standard B', which is held in position by means of shoulders p p.

D D is a movable disk having perforations or holes o' o', and small knuckles or slats firmly fastened to its upper surface, in the form indicated in the drawings.

The disk is firmly fastened to standard b at its lower end.

C C represents another disk of similar size, with holes o o in its surface, and knuckles or slats n n firmly fastened to its lower or under surface, in manner indicated in drawing.

This disk is firmly fastened to the lower end of hollow tube c, and is held in proper position, and at right distance from disk d, by the projections of tube c resting upon a plate, i, which plate rests upon shoulders r r in revolving standard b, in which position it is adjustable and allowed to revolve at ease.

Disk or cover A a is immovable, and placed upon the upper surface of the tub, and acts as a cover, with a hole or orifice in its center of sufficient size to allow tube c to revolve with ease.

Its object is to hold in position tube c, and to prevent the escape of steam and water.

b is a standard, of sufficient strength and height,

having a handle or lever, a, firmly fastened upon its upper end.

This standard has in its lower end socket m, by means of which it is placed upon standard B', and is allowed to revolve with ease. This standard also extends through tube c.

c is a tube, of sufficient strength and height, having firmly fastened upon its upper end handle or lever a'.

This tube, resting upon shoulders r r, by means of plate i i, is allowed to revolve at ease.

Thus movable disk D, by its connection with standard b, is allowed to revolve with ease, and disk C, by its connection with tube c, being held directly over and above disk D when in operation, a double and reversible motion is made to act upon the clothing and material for washing, which is placed between the two disks C and D, which becomes thoroughly cleansed by the action or friction of knuckles or slats n n n' n' in conjunction, caused by the rapid motion of the water and suds passing in and out of holes o o and o' o', while disk C, being movable up and down, allows of such a sufficient friction upon the clothing and material as to cleanse and not wear and tear them.

Having thus fully described my invention, and being aware of a similar invention with a lower fixed disk, which I do not claim,

What I do claim as new and novel, and desire to secure Letters Patent on, is—

The arrangement and construction of the standard B', shaft b, and disk D, in combination with cylinder c, and disk C, levers a and a', and tub B B, as shown and described.

ISAIAH M. FURBISH.

Witnesses:

E. W. WHITEHOUSE,
M. L. WHITEHOUSE.